

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN063998.D
 Acq On : 8 Oct 2020 18:05
 Operator : JC/MD
 Sample : L4255-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FT-PZ-459I-20200928

Quant Time: Oct 09 04:05:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	243541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	439597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	167600	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	204305	50.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.56%	
35) Dibromofluoromethane	7.55	113	153462	51.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.52%	
50) Toluene-d8	10.06	98	552004	48.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.38	95	205286	48.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.24%	

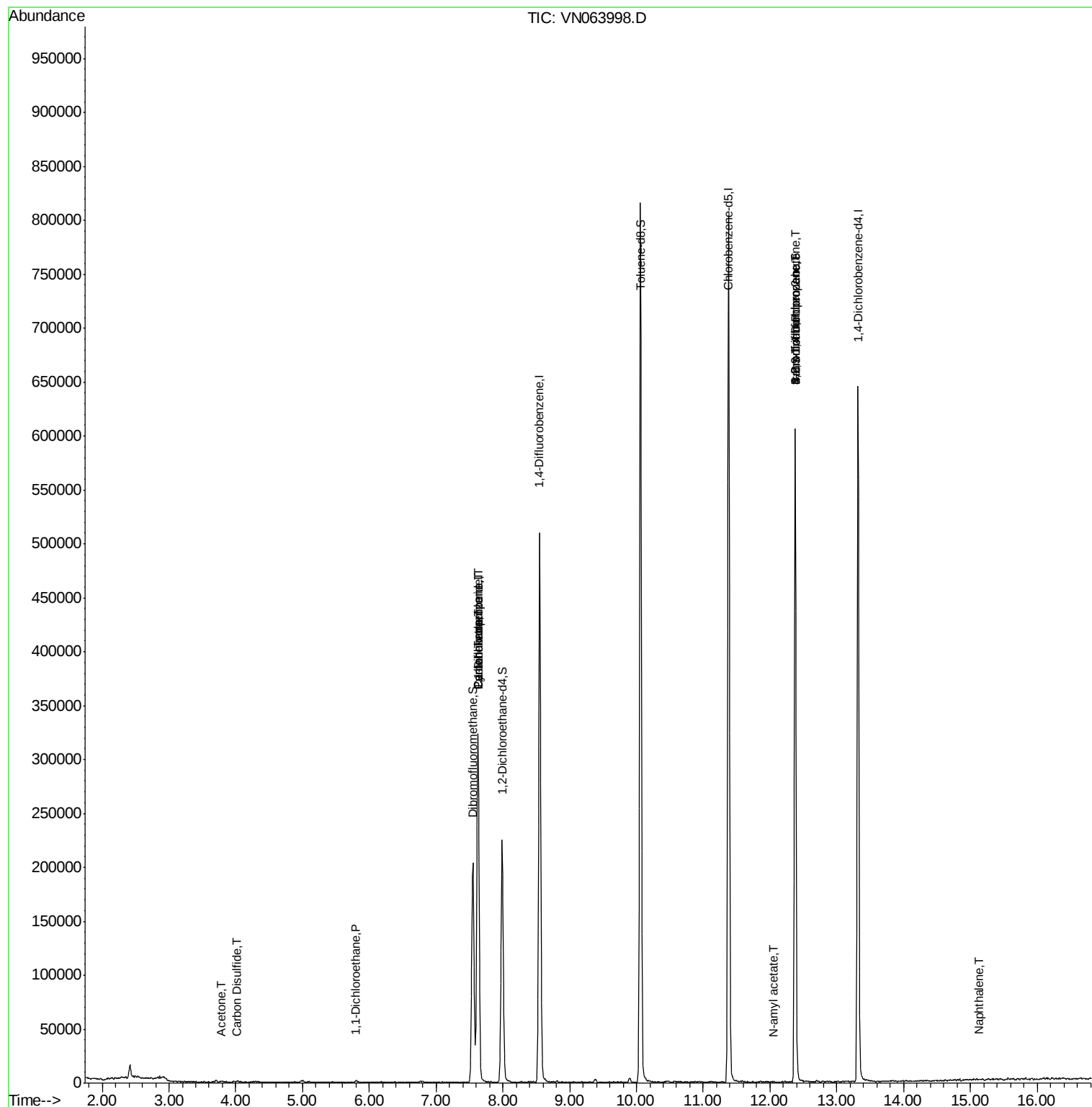
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	422	0.341	ug/l #	34
17) Carbon Disulfide	4.01	76	312	0.747	ug/l #	76
24) 1,1-Dichloroethane	5.81	63	3094	0.577	ug/l #	86
31) Cyclohexane	7.62	56	6141	1.315	ug/l #	25
36) 1,1-Dichloropropene	7.63	75	21282	4.869	ug/l #	52
38) Carbon Tetrachloride	7.62	117	25852	5.274	ug/l #	15
71) Bromoform	12.38	173	1287	0.487	ug/l #	1
74) N-amyl acetate	12.05	43	261	2.260	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	111386	30.149	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	111386	86.833	ug/l #	6
95) Naphthalene	15.13	128	143	1.940	ug/l #	69

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN063998.D

Acq: 8 Oct 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

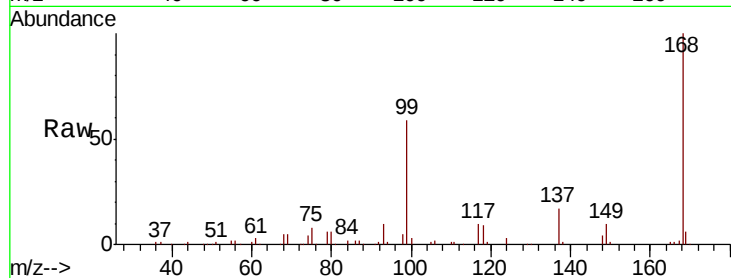
FT-PZ-459I-20200928

Tot Ion:168 Resp: 243541

Ion Ratio Lower Upper

168 100

99 59.5 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): VN063998.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN063998.D (-1738) (-)

7.63

120000

100000

80000

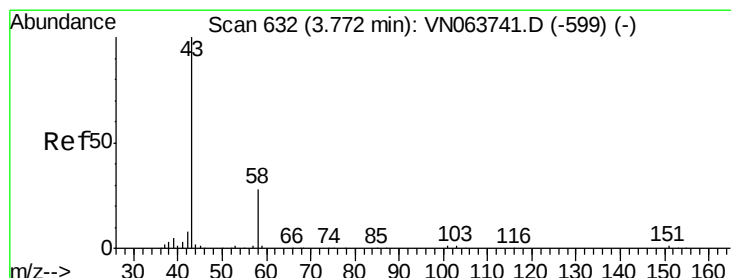
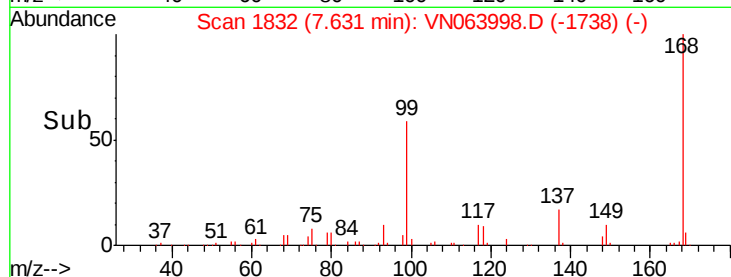
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 0.341 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063998.D

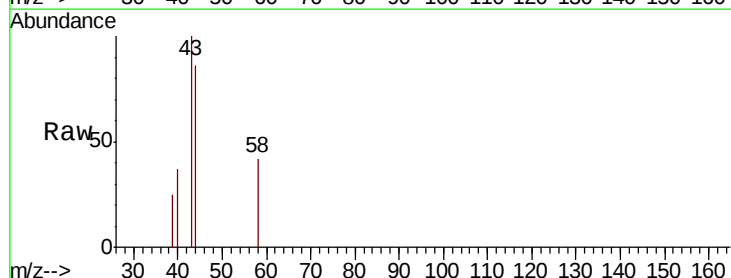
Acq: 8 Oct 2020 18:05

Tgt Ion: 43 Resp: 422

Ion Ratio Lower Upper

43 100

58 62.8 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN063998.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063998.D (-539) (-)

3.78

800

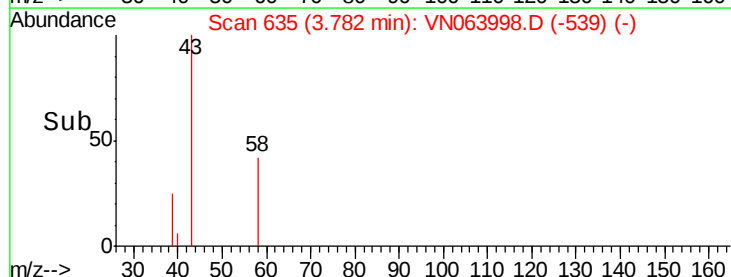
600

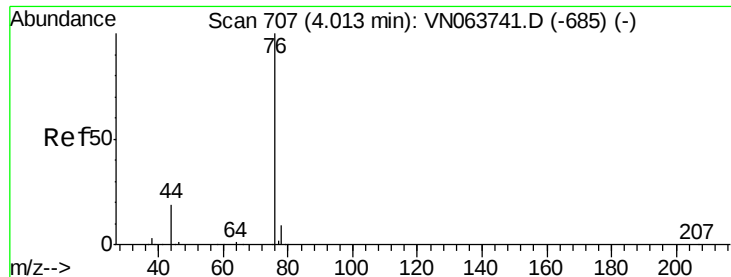
400

200

0

Time-->





#17

Carbon Disulfide

Concen: 0.747 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063998.D

Acq: 8 Oct 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

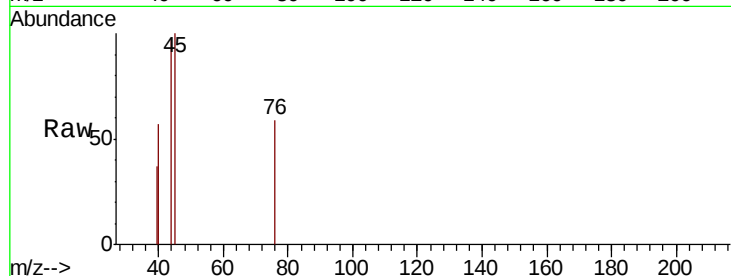
FT-PZ-459I-20200928

Tot Ion: 76 Resp: 312

Ion Ratio Lower Upper

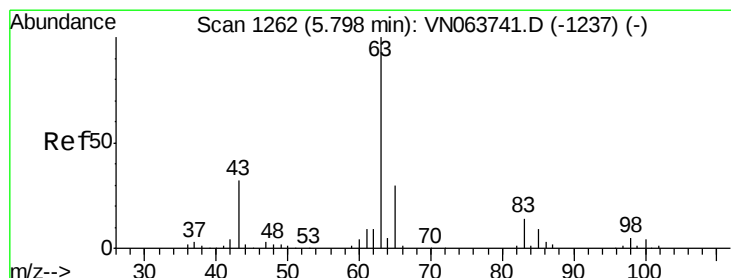
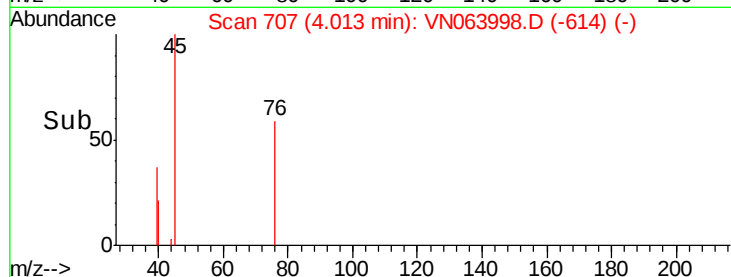
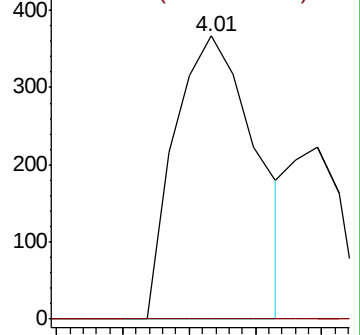
76 100

78 0.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#24

1,1-Dichloroethane

Concen: 0.577 ug/l

RT: 5.81 min Scan# 1265

Delta R.T. 0.01 min

Lab File: VN063998.D

Acq: 8 Oct 2020 18:05

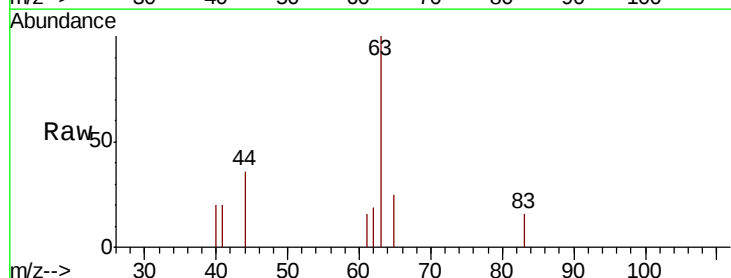
Tgt Ion: 63 Resp: 3094

Ion Ratio Lower Upper

63 100

98 0.0 2.7 8.1#

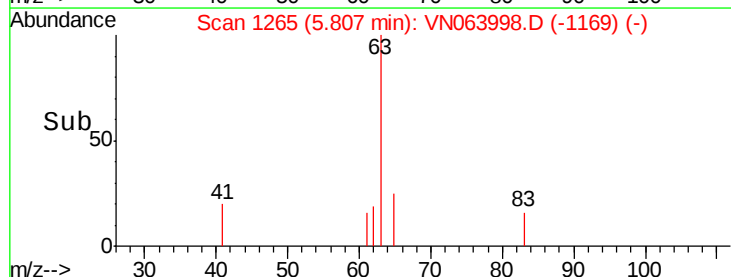
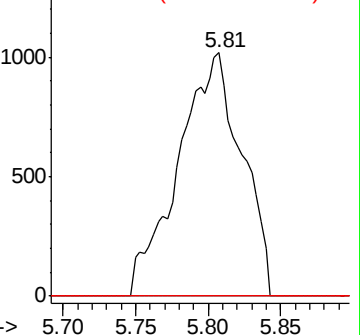
100 0.0 1.9 5.7#

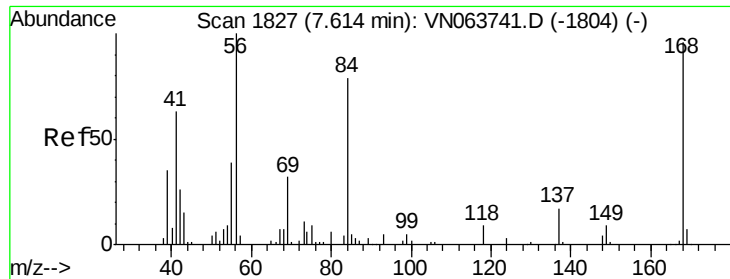


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

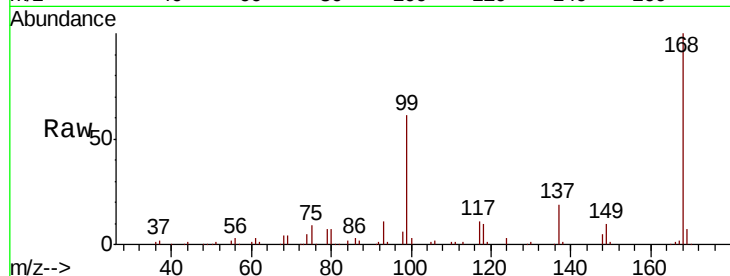




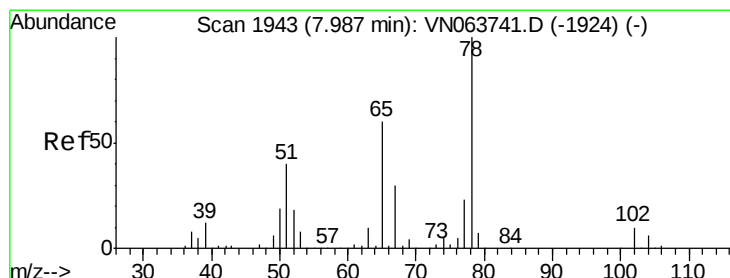
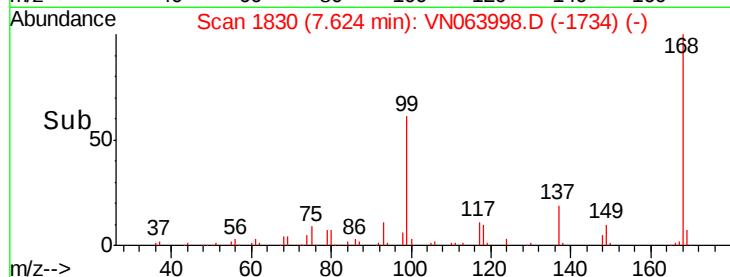
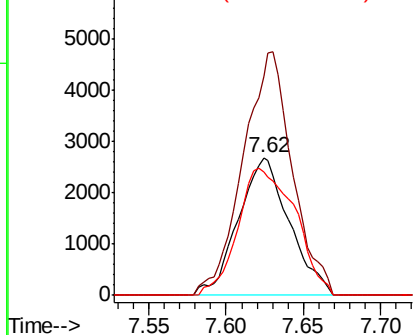
#31
Cyclohexane
Concen: 1.315 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063998.D
Acq: 8 Oct 2020 18:05

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ-459I-20200928

Tot Ion: 56 Resp: 6141
Ion Ratio Lower Upper
56 100
69 159.7 25.4 38.2#
84 90.1 63.3 94.9

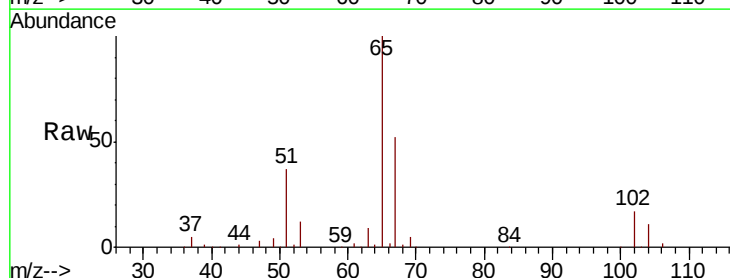


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

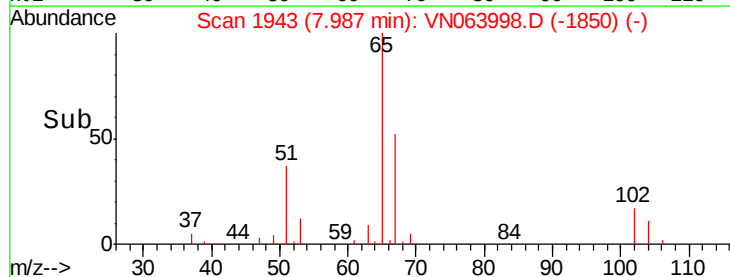
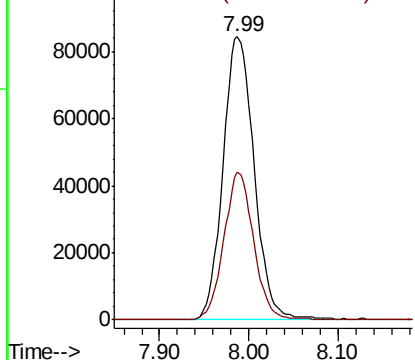


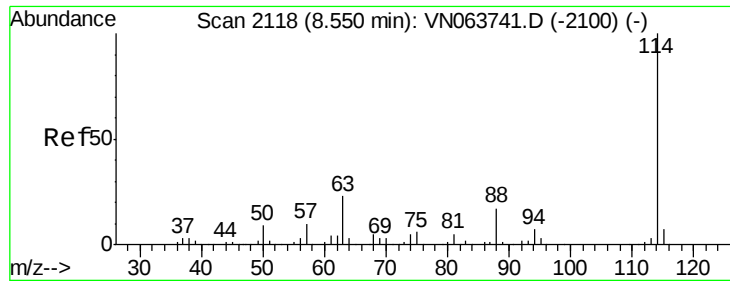
#33
1,2-Dichloroethane-d4
Concen: 50.778 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063998.D
Acq: 8 Oct 2020 18:05

Tgt Ion: 65 Resp: 204305
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

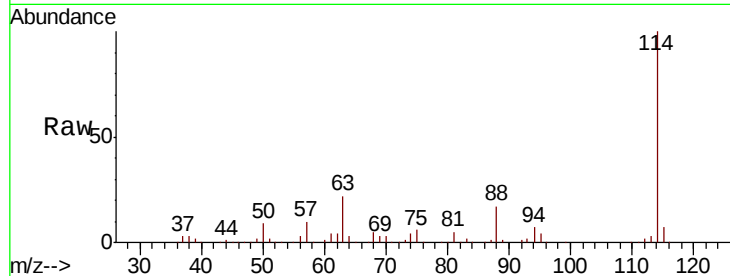




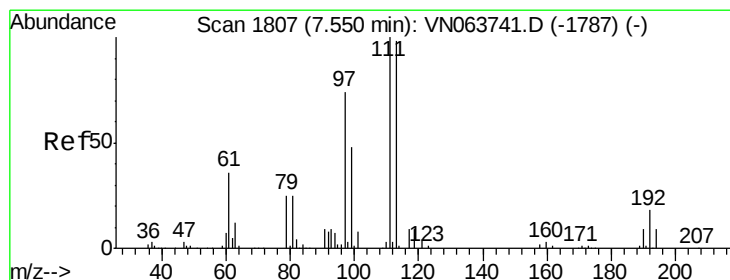
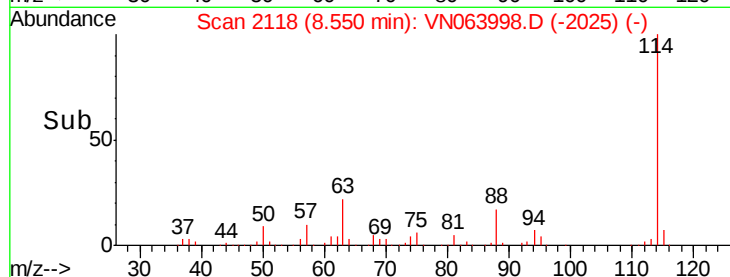
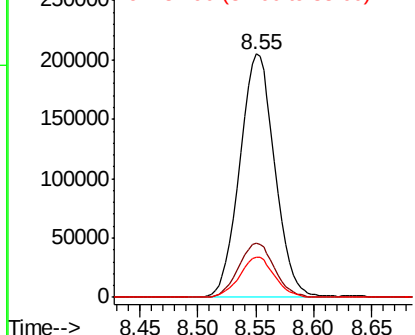
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063998.D
Acq: 8 Oct 2020 18:05

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ-4591-20200928

Tot Ion:114 Resp: 431443
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 16.7 0.0 34.0

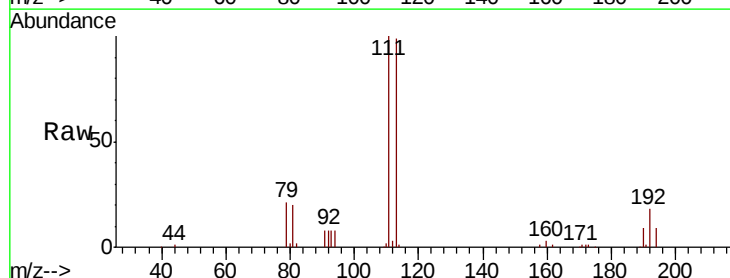


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

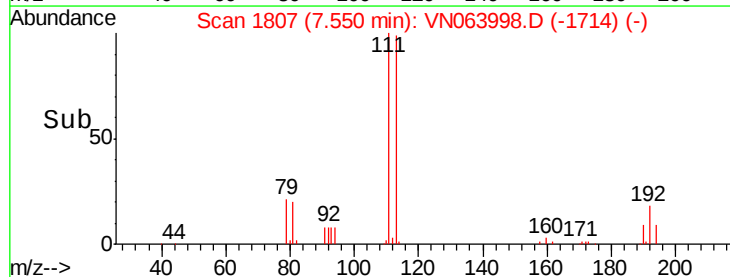
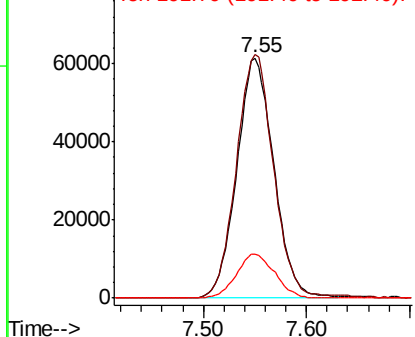


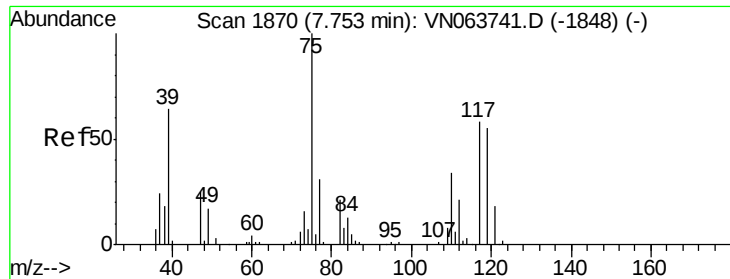
#35
Dibromofluoromethane
Concen: 51.262 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063998.D
Acq: 8 Oct 2020 18:05

Tgt Ion:113 Resp: 153462
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 19.0 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

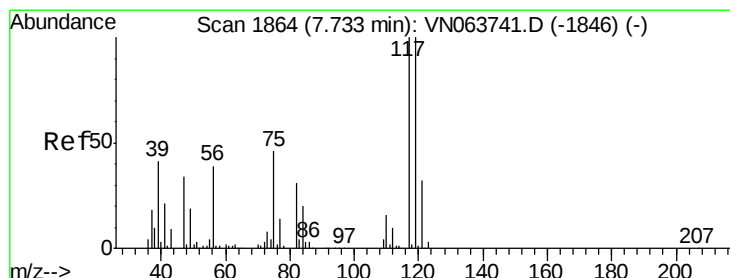
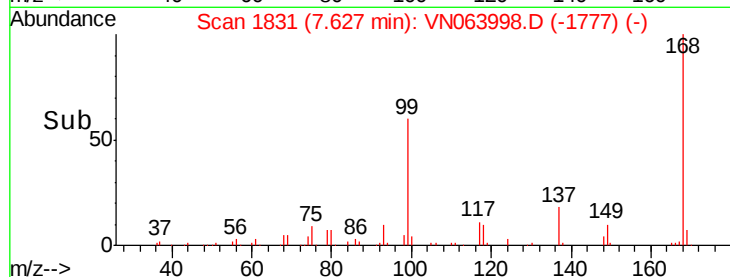
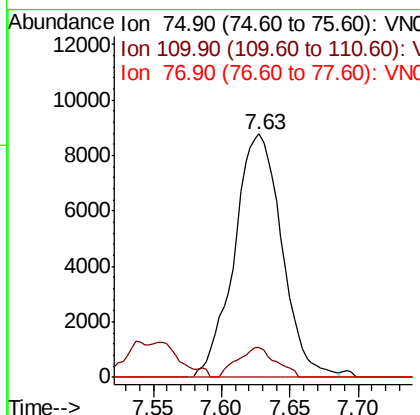
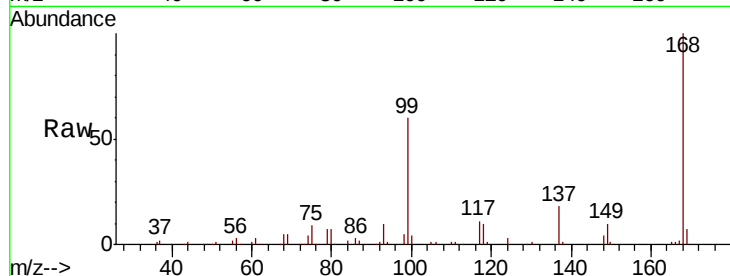




#36
 1,1-Dichloropropene
 Concen: 4.869 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063998.D
 Acq: 8 Oct 2020 18:05

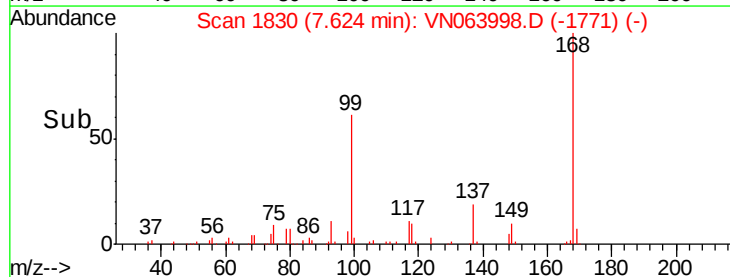
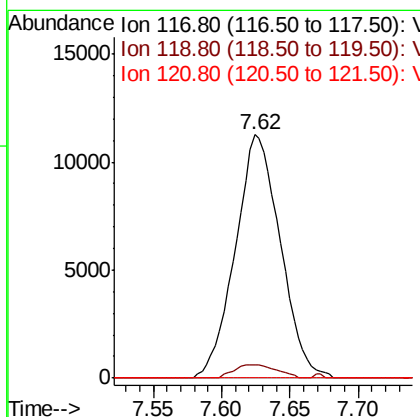
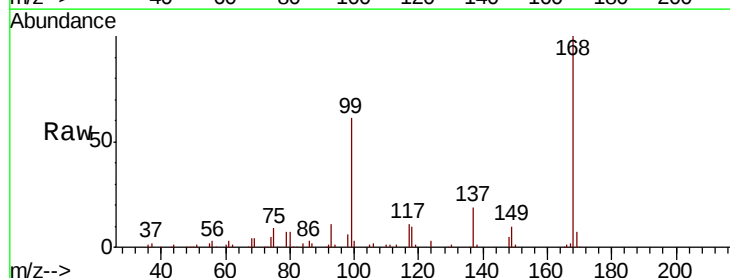
Instrument :
 MSVOA_N
 ClientSampleId :
 FT-PZ-4591-20200928

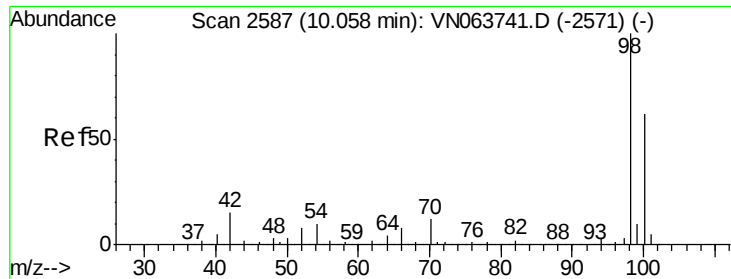
Tot Ion: 75 Resp: 21282
 Ion Ratio Lower Upper
 75 100
 110 9.9 16.9 50.6#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 5.274 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN063998.D
 Acq: 8 Oct 2020 18:05

Tgt Ion: 117 Resp: 25852
 Ion Ratio Lower Upper
 117 100
 119 5.6 80.1 120.1#
 121 0.0 25.7 38.5#





#50

Toluene-d8

Concen: 48.640 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063998.D

Acq: 8 Oct 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

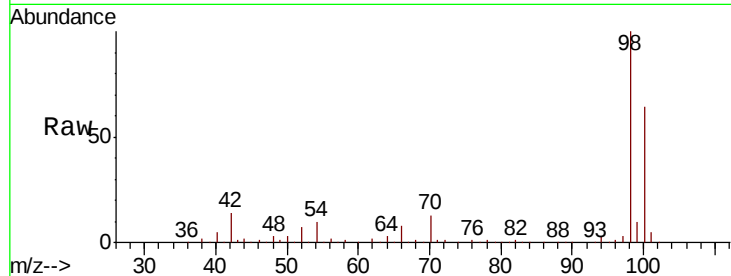
FT-PZ-459I-20200928

Tot Ion: 98 Resp: 552004

Ion Ratio Lower Upper

98 100

100 63.6 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

10.06

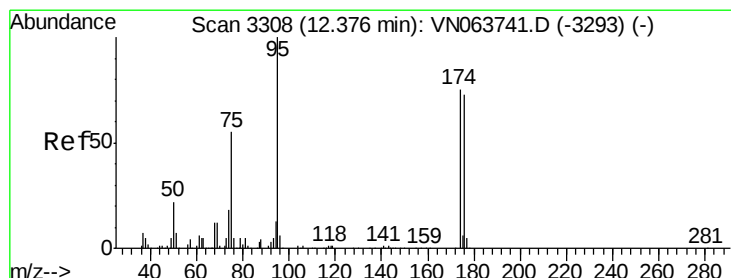
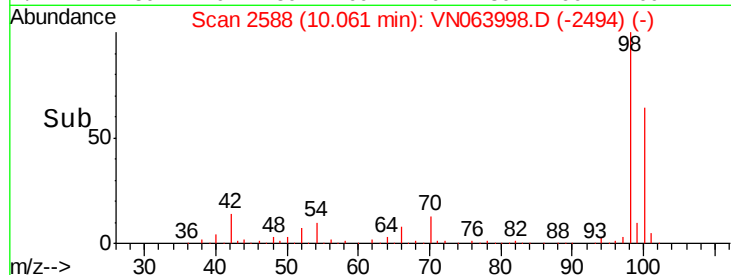
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.120 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063998.D

Acq: 8 Oct 2020 18:05

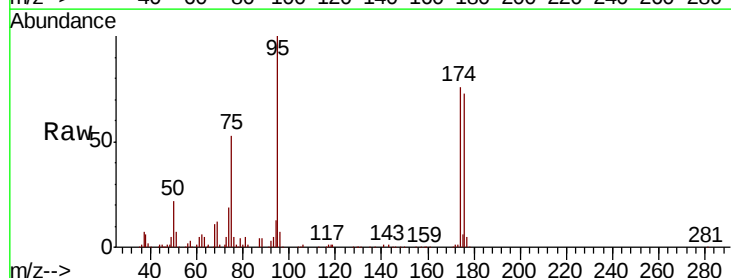
Tgt Ion: 95 Resp: 205286

Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.6

176 72.8 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

12.38

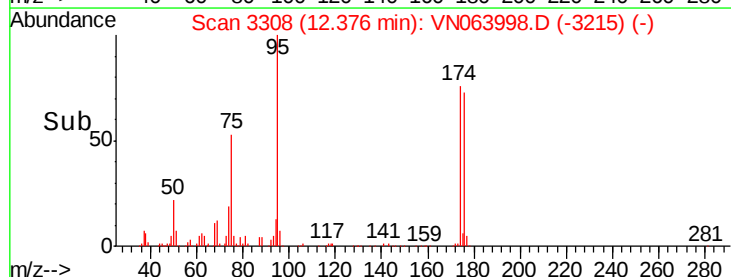
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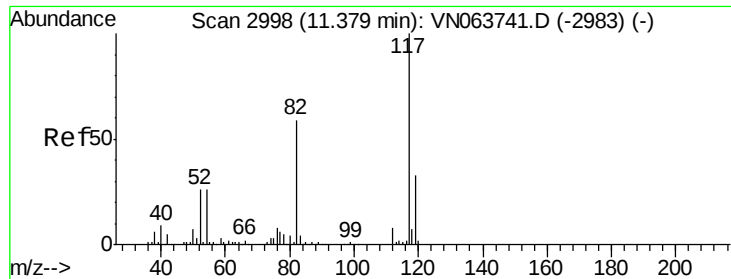
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50000

0

Time-->

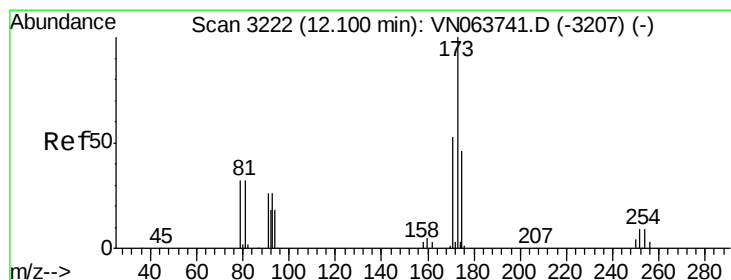
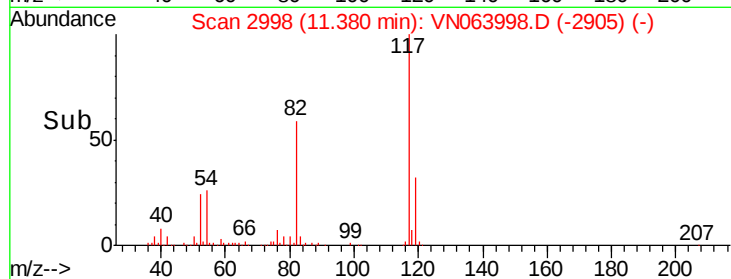
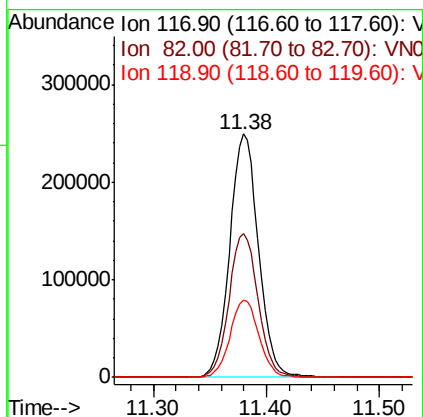
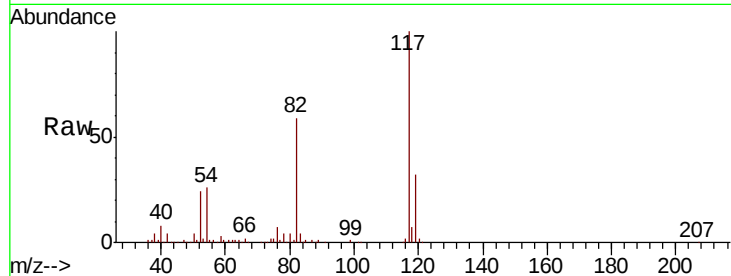




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063998.D
Acq: 8 Oct 2020 18:05

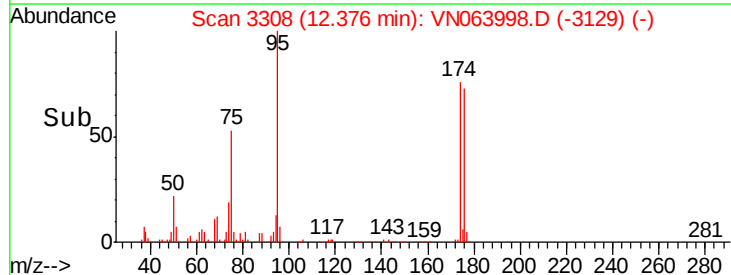
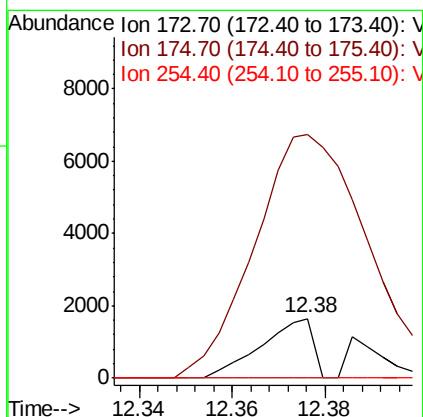
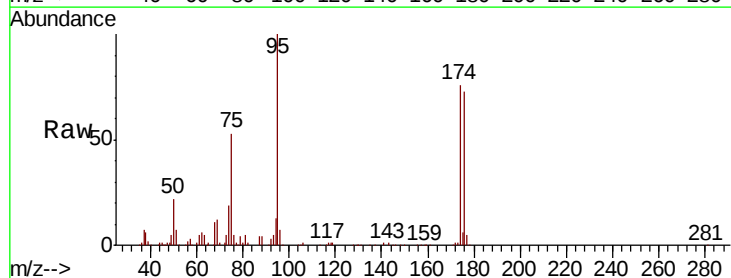
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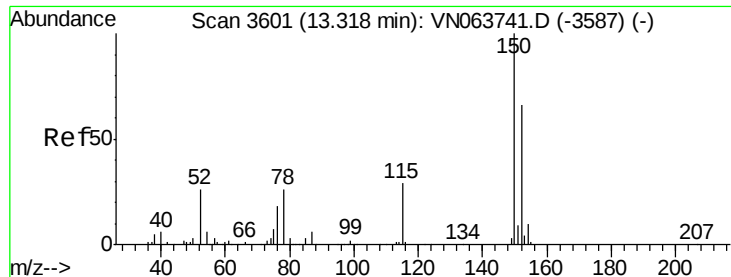
Tot Ion:117 Resp: 439597
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 31.6 26.4 39.6



#71
Bromoform
Concen: 0.487 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN063998.D
Acq: 8 Oct 2020 18:05

Tgt Ion:173 Resp: 1287
Ion Ratio Lower Upper
173 100
175 723.6 23.5 70.5#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063998.D

Acq: 8 Oct 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

FT-PZ-459I-20200928

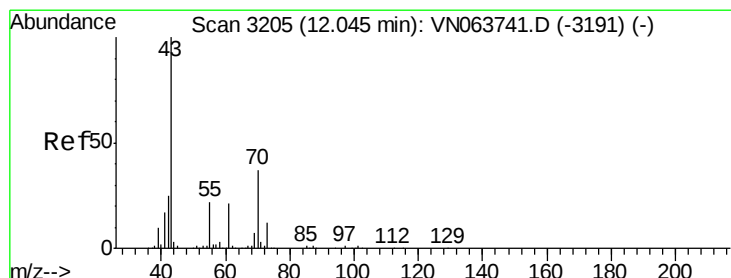
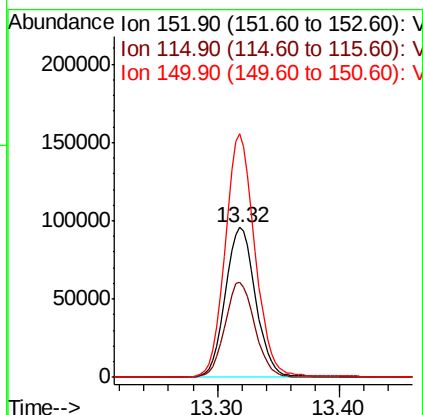
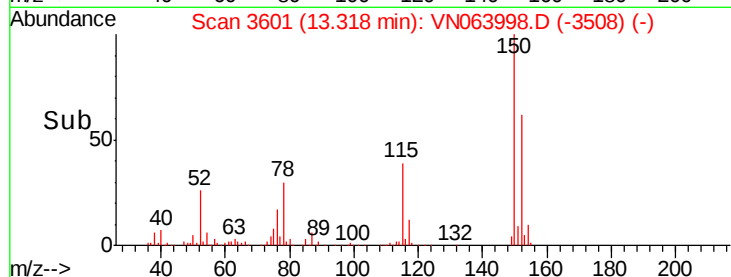
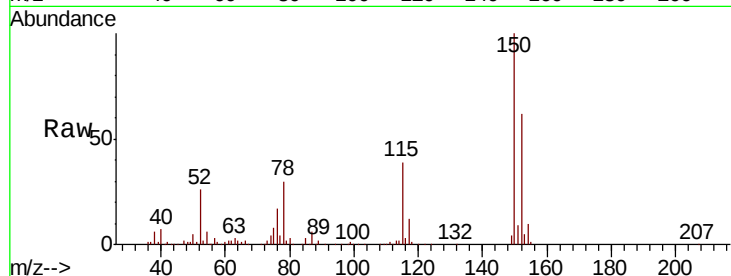
Tot Ion:152 Resp: 167600

Ion Ratio Lower Upper

152 100

115 62.4 31.3 93.8

150 158.4 0.0 341.8



#74

N-ethyl acetate

Concen: 2.260 ug/l

RT: 12.05 min Scan# 3207

Delta R.T. 0.01 min

Lab File: VN063998.D

Acq: 8 Oct 2020 18:05

Tgt Ion: 43 Resp: 261

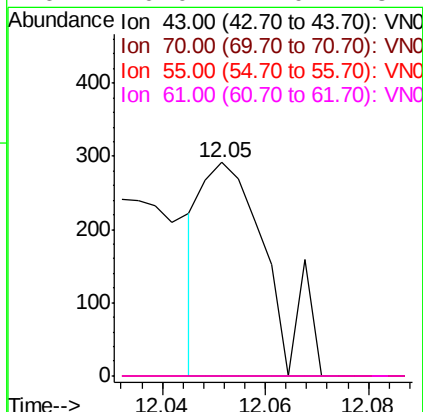
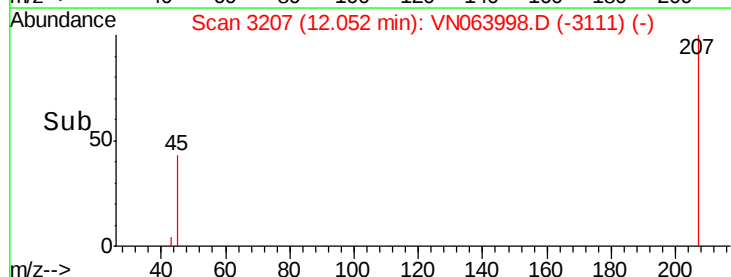
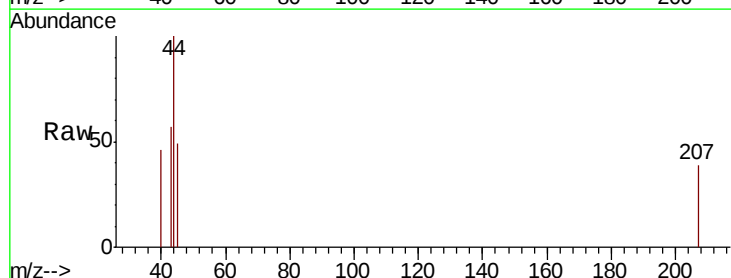
Ion Ratio Lower Upper

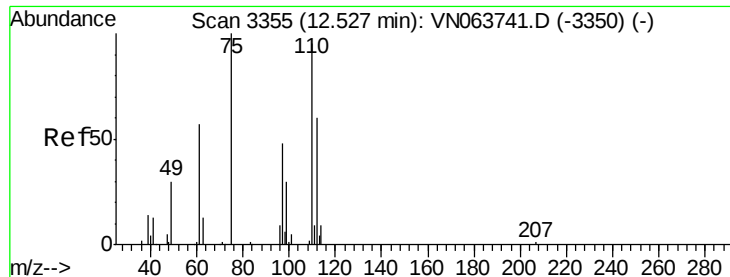
43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#

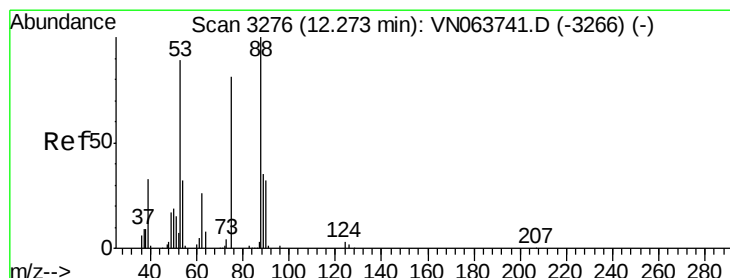
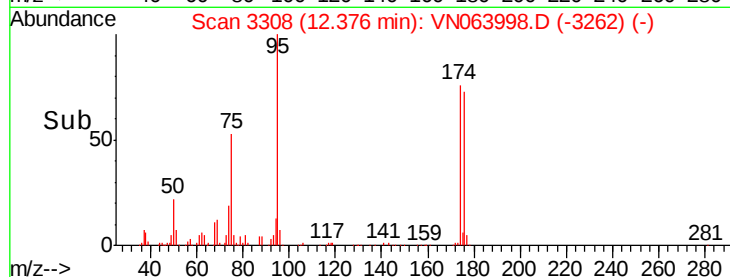
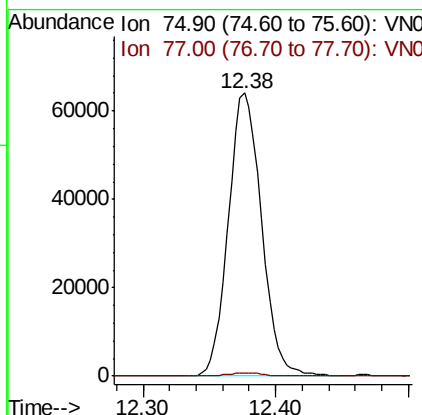
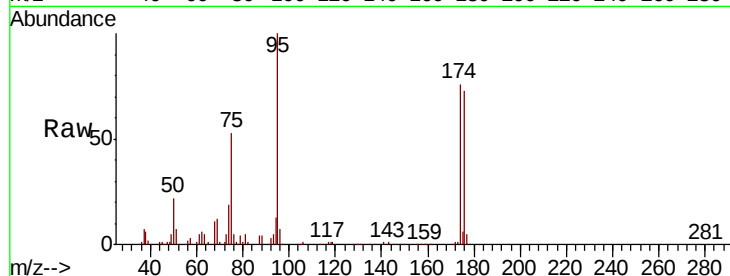




#76
 1,2,3-Trichloropropane
 Concen: 30.149 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.15 min
 Lab File: VN063998.D
 Acq: 8 Oct 2020 18:05

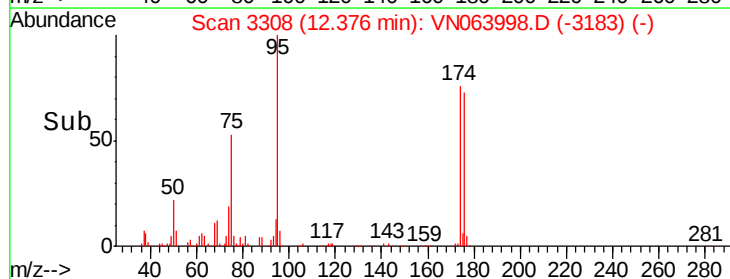
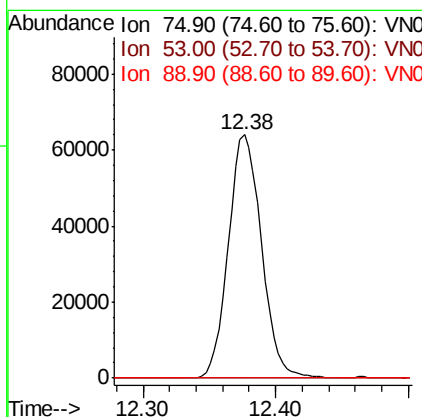
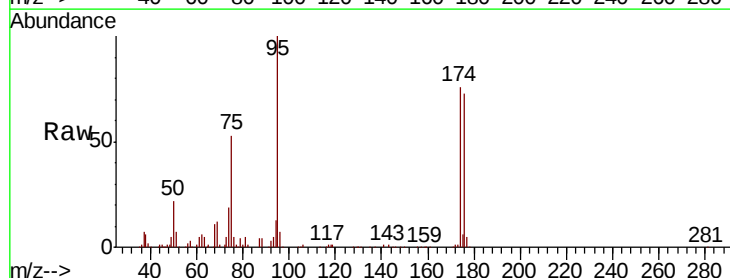
Instrument :
 MSVOA_N
 ClientSampleId :
 FT-PZ-459I-20200928

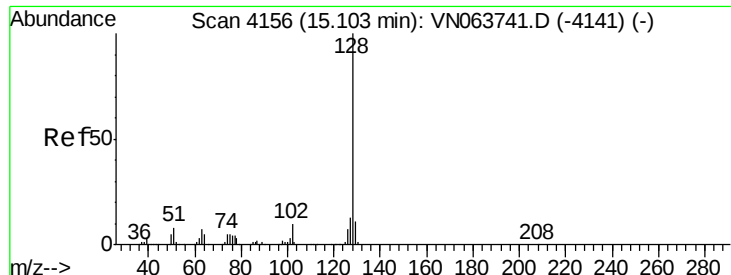
Tot Ion: 75 Resp: 111386
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.833 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN063998.D
 Acq: 8 Oct 2020 18:05

Tgt Ion: 75 Resp: 111386
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.2 132.2#
 89 0.0 36.0 54.0#





#95

Naphthalene

Concen: 1.940 ug/l

RT: 15.13 min Scan# 4164

Delta R.T. 0.03 min

Lab File: VN063998.D

Acq: 8 Oct 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

FT-PZ-459I-20200928

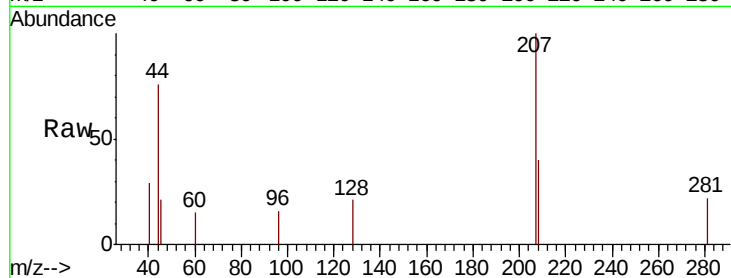
Tot Ion:128 Resp: 143

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

